

AMENDMENTS TO THE ABSTRACT

Please cancel the Abstract section of the specification and replace with the following:

A sawtooth wave generating apparatus includes a base frequency generating section and a frequency generating section for generating the frequency of a reference signal, a sawtooth wave forming section which forms a sawtooth wave based on the reference signal, a voltage comparator which compares the voltage value of the sawtooth wave formed by the sawtooth wave forming section with a predetermined voltage value, a phase comparator which compares the phase of the output signal from the voltage comparator with the phase of the reference signal, and a low-pass filter (LPF) which cuts out a high frequency component of the output signal from the phase comparator, and feeds back the resulting output signal to the sawtooth wave forming section.